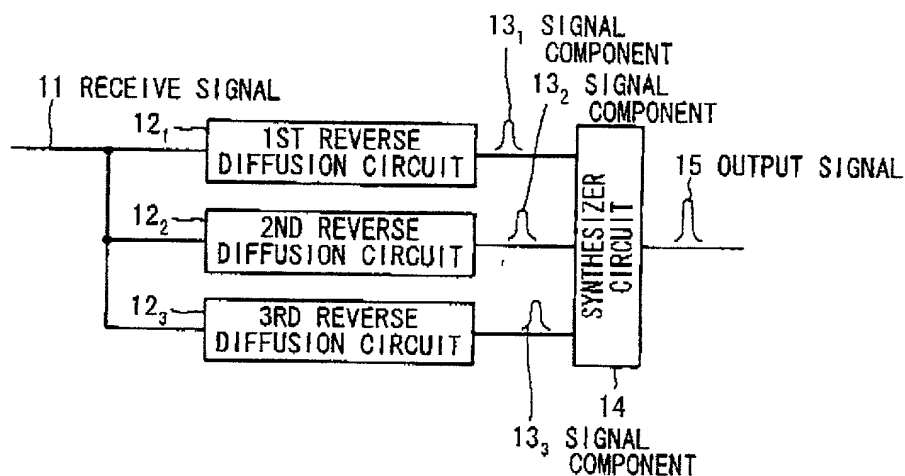
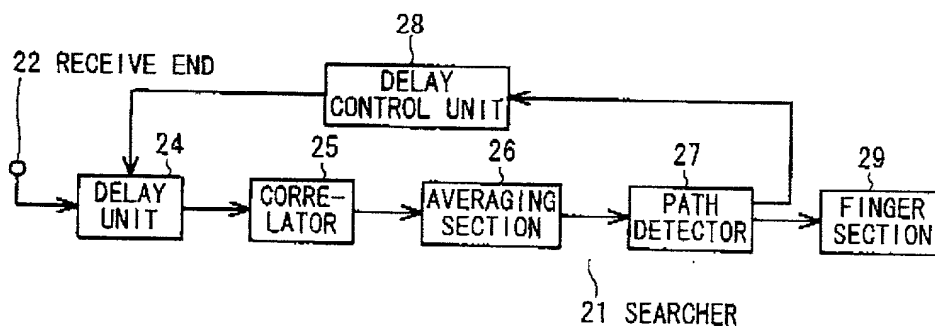


**FIG. 1 PRIOR ART**



**FIG. 2 PRIOR ART**



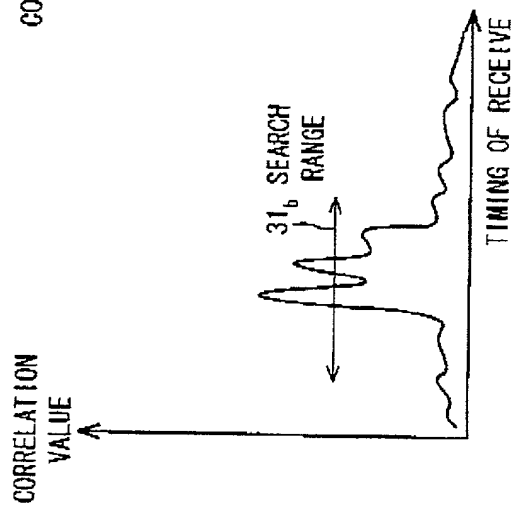


FIG. 3A

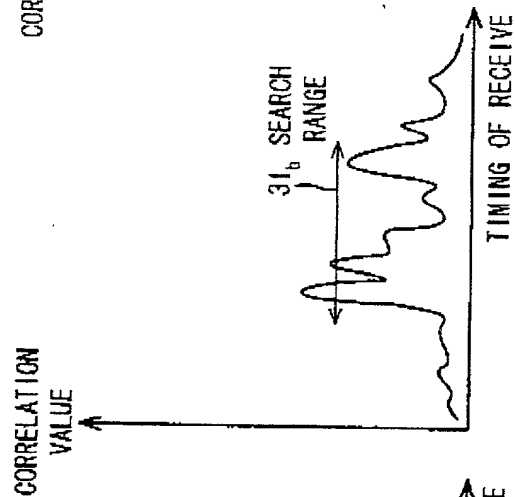


FIG. 3B

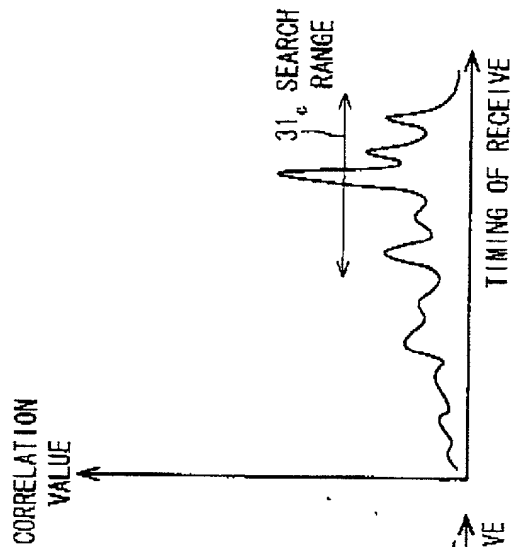


FIG. 3C

FIG. 4

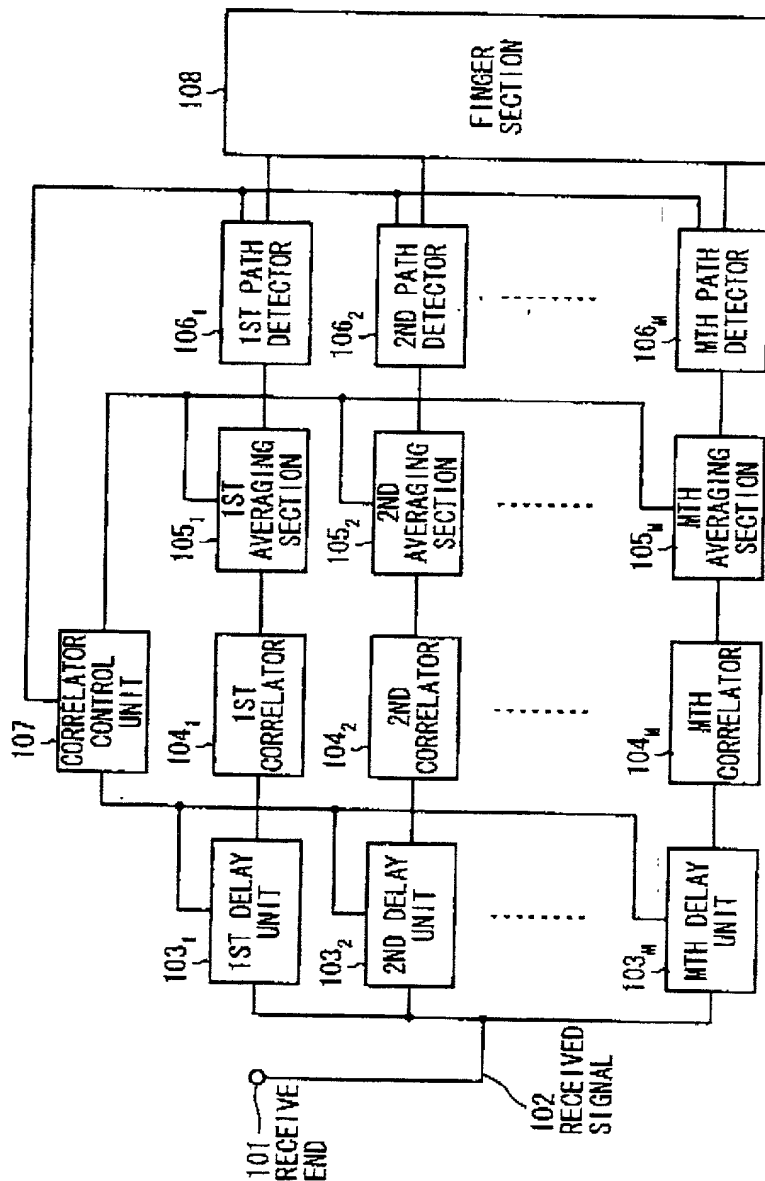


FIG. 5

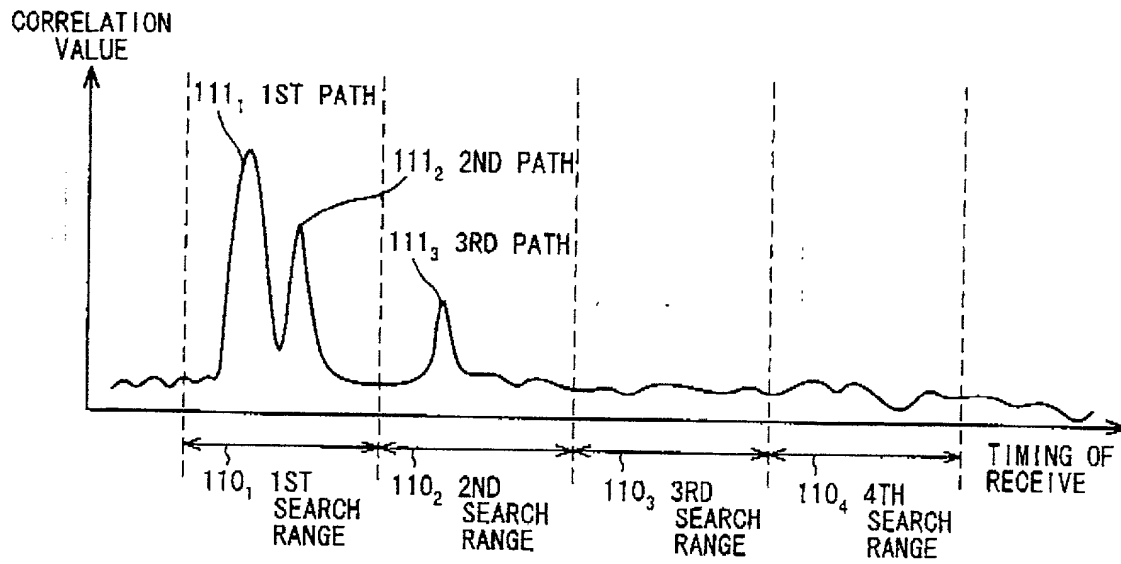
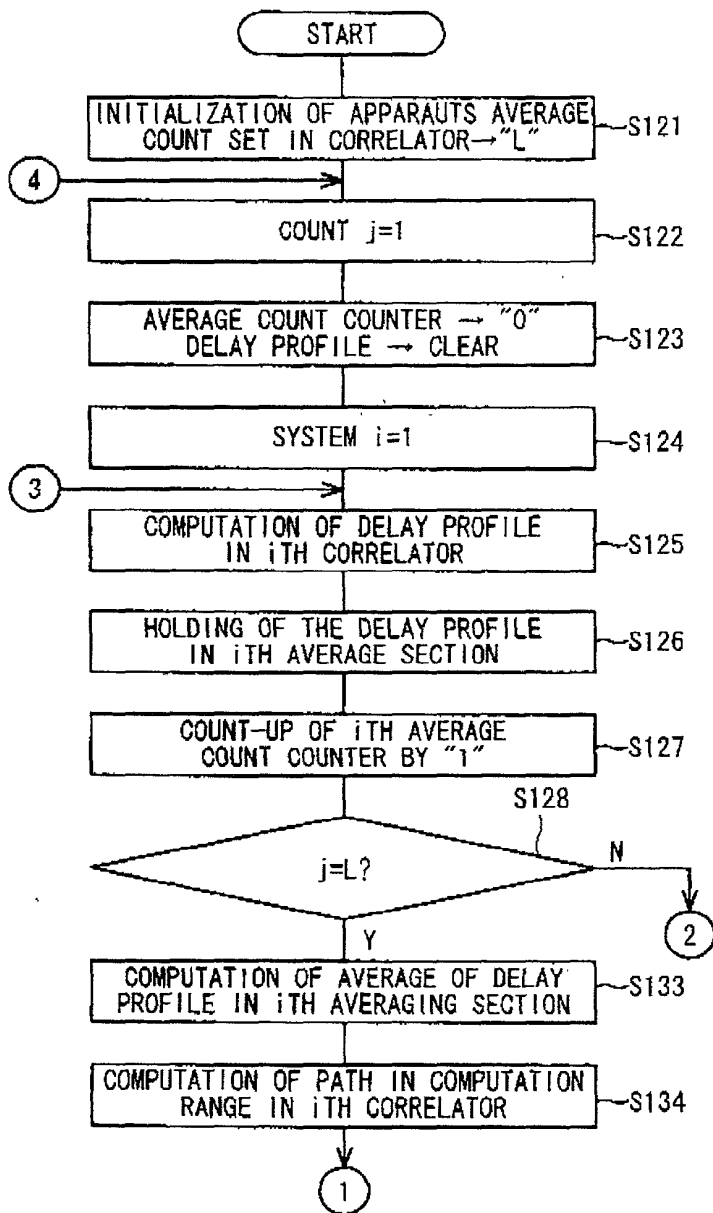


FIG. 6



```

cyl <- c(10.4, 10.6, 10.8, 10.9, 11.2, 11.4, 11.6, 11.8, 12.0, 12.2, 12.4, 12.6, 12.8, 13.0, 13.2, 13.4, 13.6, 13.8, 14.0, 14.2, 14.4, 14.6, 14.8, 15.0, 15.2, 15.4, 15.6, 15.8, 16.0, 16.2, 16.4, 16.6, 16.8, 17.0, 17.2, 17.4, 17.6, 17.8, 18.0, 18.2, 18.4, 18.6, 18.8, 19.0, 19.2, 19.4, 19.6, 19.8, 20.0, 20.2, 20.4, 20.6, 20.8, 21.0, 21.2, 21.4, 21.6, 21.8, 22.0, 22.2, 22.4, 22.6, 22.8, 23.0, 23.2, 23.4, 23.6, 23.8, 24.0, 24.2, 24.4, 24.6, 24.8, 25.0, 25.2, 25.4, 25.6, 25.8, 26.0, 26.2, 26.4, 26.6, 26.8, 27.0, 27.2, 27.4, 27.6, 27.8, 28.0, 28.2, 28.4, 28.6, 28.8, 29.0, 29.2, 29.4, 29.6, 29.8, 30.0, 30.2, 30.4, 30.6, 30.8, 31.0, 31.2, 31.4, 31.6, 31.8, 32.0, 32.2, 32.4, 32.6, 32.8, 33.0, 33.2, 33.4, 33.6, 33.8, 34.0, 34.2, 34.4, 34.6, 34.8, 35.0, 35.2, 35.4, 35.6, 35.8, 36.0, 36.2, 36.4, 36.6, 36.8, 37.0, 37.2, 37.4, 37.6, 37.8, 38.0, 38.2, 38.4, 38.6, 38.8, 39.0, 39.2, 39.4, 39.6, 39.8, 40.0, 40.2, 40.4, 40.6, 40.8, 41.0, 41.2, 41.4, 41.6, 41.8, 42.0, 42.2, 42.4, 42.6, 42.8, 43.0, 43.2, 43.4, 43.6, 43.8, 44.0, 44.2, 44.4, 44.6, 44.8, 45.0, 45.2, 45.4, 45.6, 45.8, 46.0, 46.2, 46.4, 46.6, 46.8, 47.0, 47.2, 47.4, 47.6, 47.8, 48.0, 48.2, 48.4, 48.6, 48.8, 49.0, 49.2, 49.4, 49.6, 49.8, 50.0, 50.2, 50.4, 50.6, 50.8, 51.0, 51.2, 51.4, 51.6, 51.8, 52.0, 52.2, 52.4, 52.6, 52.8, 53.0, 53.2, 53.4, 53.6, 53.8, 54.0, 54.2, 54.4, 54.6, 54.8, 55.0, 55.2, 55.4, 55.6, 55.8, 56.0, 56.2, 56.4, 56.6, 56.8, 57.0, 57.2, 57.4, 57.6, 57.8, 58.0, 58.2, 58.4, 58.6, 58.8, 59.0, 59.2, 59.4, 59.6, 59.8, 60.0, 60.2, 60.4, 60.6, 60.8, 61.0, 61.2, 61.4, 61.6, 61.8, 62.0, 62.2, 62.4, 62.6, 62.8, 63.0, 63.2, 63.4, 63.6, 63.8, 64.0, 64.2, 64.4, 64.6, 64.8, 65.0, 65.2, 65.4, 65.6, 65.8, 66.0, 66.2, 66.4, 66.6, 66.8, 67.0, 67.2, 67.4, 67.6, 67.8, 68.0, 68.2, 68.4, 68.6, 68.8, 69.0, 69.2, 69.4, 69.6, 69.8, 70.0, 70.2, 70.4, 70.6, 70.8, 71.0, 71.2, 71.4, 71.6, 71.8, 72.0, 72.2, 72.4, 72.6, 72.8, 73.0, 73.2, 73.4, 73.6, 73.8, 74.0, 74.2, 74.4, 74.6, 74.8, 75.0, 75.2, 75.4, 75.6, 75.8, 76.0, 76.2, 76.4, 76.6, 76.8, 77.0, 77.2, 77.4, 77.6, 77.8, 78.0, 78.2, 78.4, 78.6, 78.8, 79.0, 79.2, 79.4, 79.6, 79.8, 80.0, 80.2, 80.4, 80.6, 80.8, 81.0, 81.2, 81.4, 81.6, 81.8, 82.0, 82.2, 82.4, 82.6, 82.8, 83.0, 83.2, 83.4, 83.6, 83.8, 84.0, 84.2, 84.4, 84.6, 84.8, 85.0, 85.2, 85.4, 85.6, 85.8, 86.0, 86.2, 86.4, 86.6, 86.8, 87.0, 87.2, 87.4, 87.6, 87.8, 88.0, 88.2, 88.4, 88.6, 88.8, 89.0, 89.2, 89.4, 89.6, 89.8, 90.0, 90.2, 90.4, 90.6, 90.8, 91.0, 91.2, 91.4, 91.6, 91.8, 92.0, 92.2, 92.4, 92.6, 92.8, 93.0, 93.2, 93.4, 93.6, 93.8, 94.0, 94.2, 94.4, 94.6, 94.8, 95.0, 95.2, 95.4, 95.6, 95.8, 96.0, 96.2, 96.4, 96.6, 96.8, 97.0, 97.2, 97.4, 97.6, 97.8, 98.0, 98.2, 98.4, 98.6, 98.8, 99.0, 99.2, 99.4, 99.6, 99.8, 100.0)
mpg <- c(18.7, 18.7, 18.8, 18.8, 19.0, 19.2, 19.4, 19.4, 19.6, 19.6, 19.7, 19.7, 19.8, 19.8, 19.9, 19.9, 20.0, 20.0, 20.1, 20.1, 20.2, 20.2, 20.3, 20.3, 20.4, 20.4, 20.5, 20.5, 20.6, 20.6, 20.7, 20.7, 20.8, 20.8, 20.9, 20.9, 21.0, 21.0, 21.1, 21.1, 21.2, 21.2, 21.3, 21.3, 21.4, 21.4, 21.5, 21.5, 21.6, 21.6, 21.7, 21.7, 21.8, 21.8, 21.9, 21.9, 22.0, 22.0, 22.1, 22.1, 22.2, 22.2, 22.3, 22.3, 22.4, 22.4, 22.5, 22.5, 22.6, 22.6, 22.7, 22.7, 22.8, 22.8, 22.9, 22.9, 23.0, 23.0, 23.1, 23.1, 23.2, 23.2, 23.3, 23.3, 23.4, 23.4, 23.5, 23.5, 23.6, 23.6, 23.7, 23.7, 23.8, 23.8, 23.9, 23.9, 24.0, 24.0, 24.1, 24.1, 24.2, 24.2, 24.3, 24.3, 24.4, 24.4, 24.5, 24.5, 24.6, 24.6, 24.7, 24.7, 24.8, 24.8, 24.9, 24.9, 25.0, 25.0, 25.1, 25.1, 25.2, 25.2, 25.3, 25.3, 25.4, 25.4, 25.5, 25.5, 25.6, 25.6, 25.7, 25.7, 25.8, 25.8, 25.9, 25.9, 26.0, 26.0, 26.1, 26.1, 26.2, 26.2, 26.3, 26.3, 26.4, 26.4, 26.5, 26.5, 26.6, 26.6, 26.7, 26.7, 26.8, 26.8, 26.9, 26.9, 27.0, 27.0, 27.1, 27.1, 27.2, 27.2, 27.3, 27.3, 27.4, 27.4, 27.5, 27.5, 27.6, 27.6, 27.7, 27.7, 27.8, 27.8, 27.9, 27.9, 28.0, 28.0, 28.1, 28.1, 28.2, 28.2, 28.3, 28.3, 28.4, 28.4, 28.5, 28.5, 28.6, 28.6, 28.7, 28.7, 28.8, 28.8, 28.9, 28.9, 29.0, 29.0, 29.1, 29.1, 29.2, 29.2, 29.3, 29.3, 29.4, 29.4, 29.5, 29.5, 29.6, 29.6, 29.7, 29.7, 29.8, 29.8, 29.9, 29.9, 30.0, 30.0, 30.1, 30.1, 30.2, 30.2, 30.3, 30.3, 30.4, 30.4, 30.5, 30.5, 30.6, 30.6, 30.7
```

**FIG. 7**

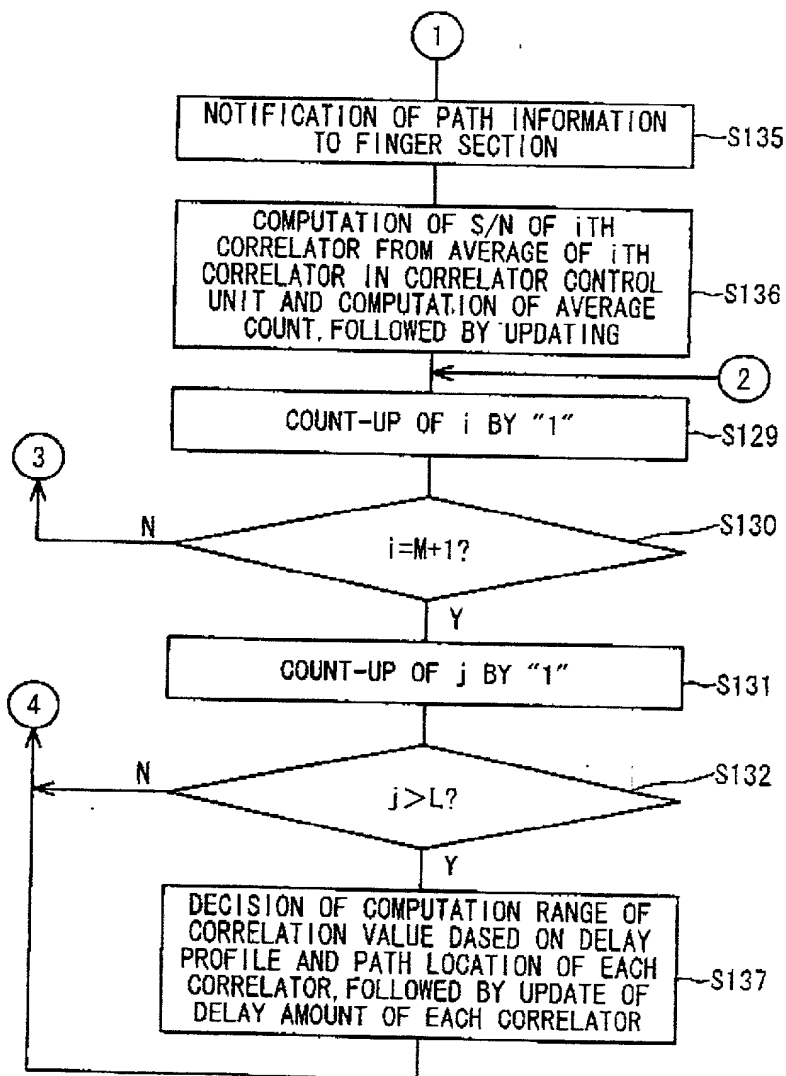


FIG. 8A

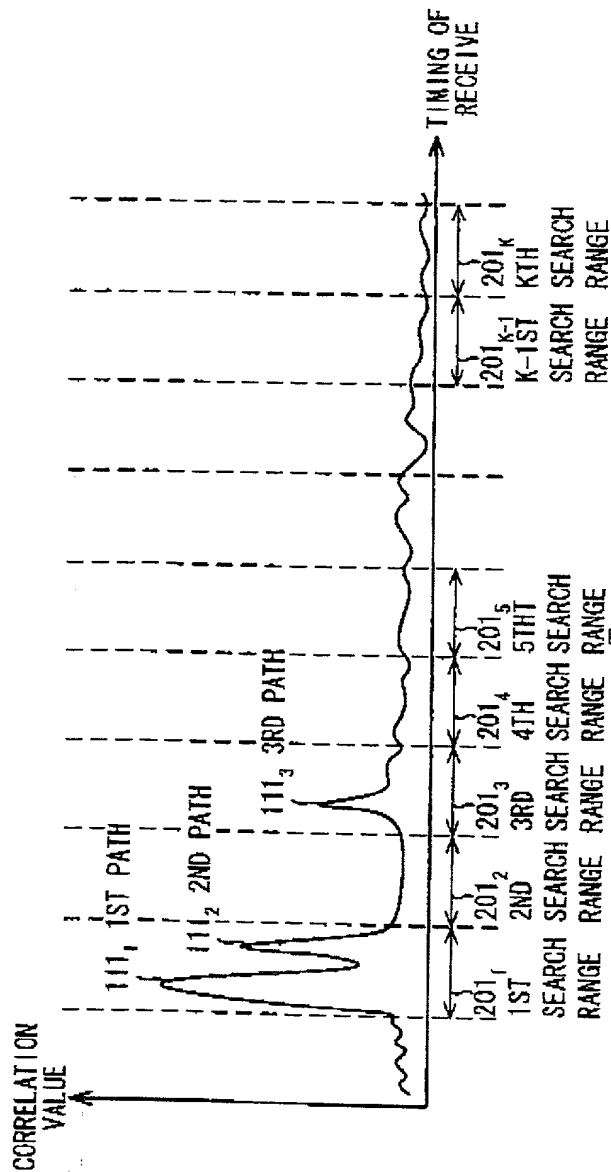


FIG. 8B

